

# of Trains	Perimeter
1	3
2	4
3	5
4	6
5	7

1 $\xrightarrow{+2}$ 3

2 $\xrightarrow{+2}$ 4

3 $\xrightarrow{+2}$ 5

4 $\xrightarrow{+2}$ 6

5 $\xrightarrow{+2}$ 7

$$\text{Perimeter} = T + 2$$

$$T = \# \text{ of trains}$$

#of Trains

Perimeter

1
2
3
4
5

4
6
8
10
12

+2

+2

+2

+2

Perimeter = 2T + 2

# of Trains	Perimeter
1	6
2	10
3	14
4	18
5	22

$$6 + 4$$

$$10 + 4$$

$$14 + 4$$

$$18 + 4$$

$$22 + 4$$

Perimeter =

$$4T + 2$$

$$4 \cdot 1 + 2 = 6$$

$$4 \cdot 2 + 2 = 10$$

X	Y
1	5
2	8
3	11
4	14

$$y = 3x + 2$$

x	y
-2	5
-1	3
0	1
1	-1

$y = -2x + 1$
 $-2(-2) + 1$

x	y
3	6
4	4
5	2
6	0
7	-2

$$y = -2x$$

$$-2(3) + \underline{12}$$

$$-6 + 12$$

$$-2(4) + 12$$

$$-8 + 12 = 4$$

HW
P.256
1-6